



ecology and environment, inc.

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International Specialists in the Environment

TO: Paul E. Doherty, ARPO
THRU: Jim Buchanan, RPM
FROM: William M. Oberle, FIT *WO*
DATE: November 21, 1986
SUBJECT: Michael Battery Co. Sites - Trip Report
Reconnaissance of Four Site Locations
Davenport - Bettendorf, Scott County, Iowa

TDD # F-07-8611-13; IA-0178SS; 1051 S. Rolff St.
TDD # F-07-8611-14; IA-0040SS; 434 Devils Glen Rd. ✓
TDD # F-07-8611-15; IA-0180SS; 1801 Rockingham Rd.
TDD # F-07-8611-16; IA-0179SS; 987 Farragut Avenue

The Region VII Ecology & Environment, Inc. Field Investigation Team (E&E/FIT) was tasked by the U.S. Environmental Protection Agency (EPA) to assist EPA representatives in the reconnaissance of the current and three former locations of the Michael Battery Company (also known as The Michael Company and Quad City Enterprises). All four sites are located in the Davenport - Bettendorf, Iowa area. The company is presently operating at 987 Farragut St. in Davenport, Iowa under the name Quad City Enterprises. The Michael Company has been associated with the sales, servicing, and manufacture of industrial batteries at its former locations in the Davenport - Bettendorf, Iowa area.

The Michael Battery Co. site in Bettendorf was the subject of an E&E/FIT site investigation in 1984 during which high levels of lead were detected in soil and dust samples collected. Subsequent to the 1984 FIT investigation, the Iowa Dept. of Natural Resources (IDNR) collected soil and dust samples from two other Michael Battery Co./Davenport sites at 1801 Rockingham Rd. and 1051 South Rolff Street. Analysis of these samples revealed the presence of lead in concentrations from 140 mg/kg to 690,000 mg/kg (1,2). In addition, several cases of human and animal blood lead contamination have been documented at the Rockingham Road site during September - October, 1986. Due to documented health effects associated with lead contamination, a reconnaissance of the known sites was requested prior to the initiation of site investigation field activities. The reconnaissance of these sites was performed November 3 - 5, 1986 under the authorization of the Technical Directive Documents (TDD's) listed above. The locations of the Davenport sites are denoted in Figure 1: U.S.G.S. Davenport East, Iowa Topographic Map and Figure 2: Site Location Map for the Bettendorf site.

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Paul Doherty and Roy Crossland of the EPA Region VII Emergency Planning & Response Branch (EP&E) and William Oberle, E&E/FIT travelled to Davenport, Iowa on November 3, 1986. The reconnaissance team procured plat maps of the three Davenport, Iowa properties which the Michael Battery Co. has been known to have resided. The team then interviewed Mr. Tom Corlett, Building Inspector for the City of Davenport, Iowa. Mr. Corlett had visited the Rockingham Road location on January 17, 1986. Mr. Corlett had observed a lead pot smelter rated at 250,000 BTU's in operation at this time. The team then visited the three Davenport sites.

On November 4, 1986, EPA/EP&R and FIT personnel performed a search of public records for background information concerning the Michael Battery Co. and Mr. F. Raymond Michael, president and owner of the Michael Battery Company. The reconnaissance team then traveled to Milan, Illinois to investigate a purported Michael Battery Co. site. Local police indicated that there had not been a battery manufacturer in that city since 1977, which was the earliest recorded directory listing for the Michael Company. The team returned to Davenport where interviews were conducted with Mrs. Karen Michael, vice-president of Michael Battery Co. (currently Quad City Enterprises) and Mr. Clyde Clark of the Davenport Tool Co., the current occupants of the 1801 Rockingham Road facility.

A meeting was conducted the afternoon of November 4, 1986. The following were in attendance: the EPA/E&E reconnaissance personnel, Mr. Chris Wightman, Scott County Health Dept., and Mr. Ed Moreno, Iowa Dept. of Natural Resources - Washington, Iowa field office. The purpose of the meeting was to determine what site-specific actions had been taken by the different local and state agencies. Paul Doherty, EPA, also conducted a telephone interview with William Maddex, Iowa Occupational Safety and Health Administration (IOSHA) Consultation Division. Mr. Maddex stated that the Rockingham Rd. site, the S. Rolff Rd. site and the Farragut Avenue site had been sampled by personnel from both IOSHA and the Labor and Safety Enforcement Division of the Iowa Bureau of Labor personnel. Arrangements were made for the EPA to obtain copies of the sampling reports and sample data. The EPA/E&E personnel then returned to the Farragut Ave. site with Mr. Moreno. Photographs were taken of the current operations at this location and Mr. Moreno interviewed Mrs. Michael for IDNR.

On November 5, 1986, EPA/E&E personnel reconnoitered the 1051 S. Rolff St. site. Mr. Roy Baugh, warehouse supervisor for the Keller Pattern Co., the current property owner, described the former operations conducted by the Michael Battery Co. during their residence in a portion of the building. Mr. Baugh informed the reconnaissance team that the two smaller rooms formerly occupied by the Michael Battery Co. were no longer used and that the two larger rooms are now used

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for storage of completed casting patterns. He stated that Michael Battery Co. had operated at the S. Rolff St. location from June, 1983 to July, 1985.

After leaving the S. Rolff St. site, the team travelled to the 434 Devils Glen Rd. location in Bettendorf, Iowa. A meeting involving EPA personnel and the cleanup contractor personnel retained at this site was conducted. The purpose of the meeting was to acquaint clean-up contractor personnel with the site and the scope of the cleanup activities. After this meeting, the reconnaissance team returned to Kansas City, Missouri.

After reviewing the information gathered during the reconnaissance, Paul Doherty, EPA Assistant Regional FIT Project Officer, assigned the 1801 Rockingham Road site to the FIT for work plan development. A separate detailed trip report for this location has been submitted under TDD# R-07-8611-15; IA-0180SS.

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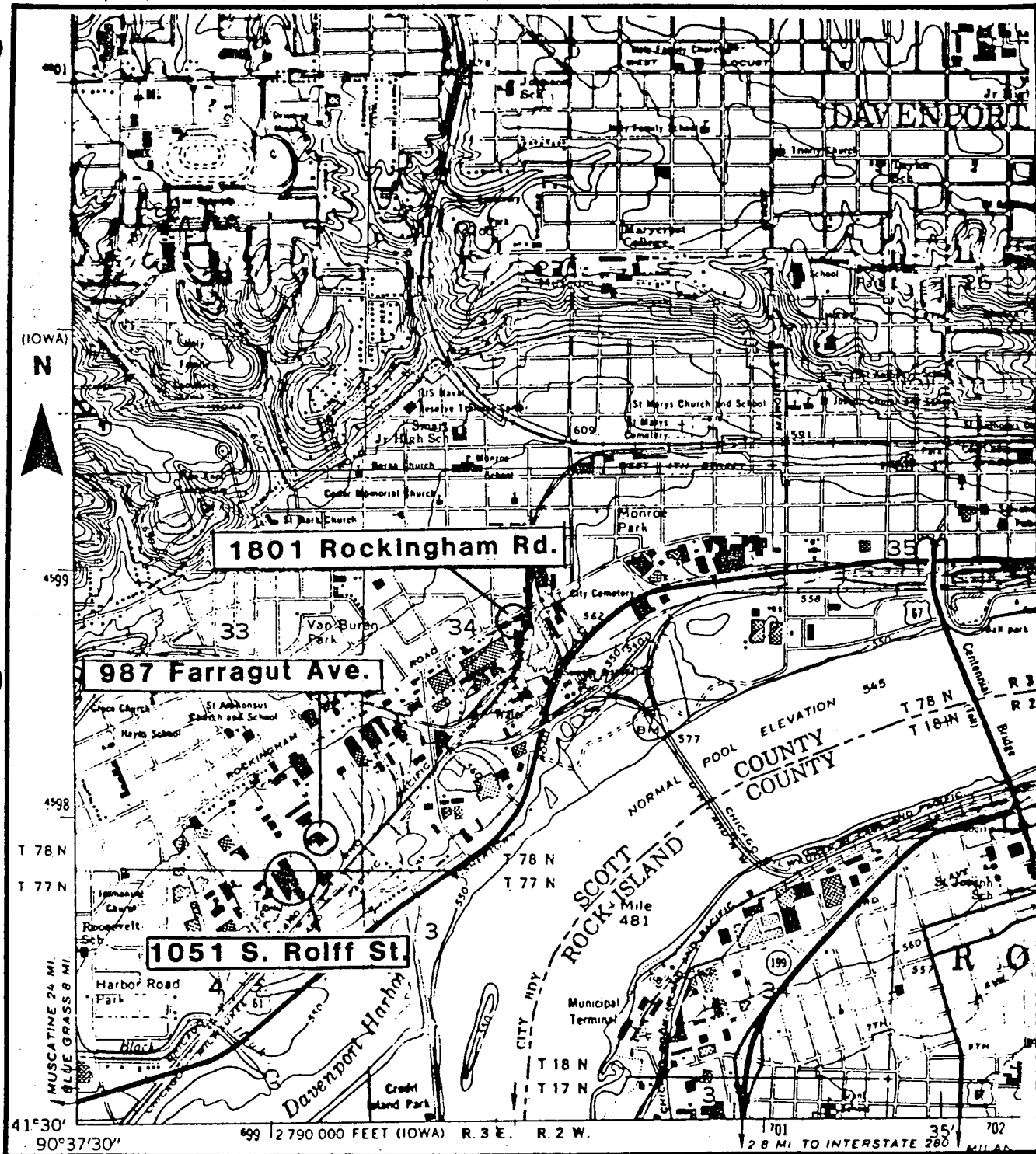
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LIST OF REFERENCES

- 1) Moreno, Ed. October 2, 1986. Report to Mike Murphy, Governmental Liason Bureau, Iowa Dept. of Natural Resources; Referral of Michael's Battery, Davenport, Iowa, For Legal Action. Iowa Dept. of Natural Resources; Washington, Iowa Field Office.
- 2) Moreno, Ed. October 28, 1986. Report to Mike Murphy, Governmental Liason Bureau, Iowa Dept. of Natural Resources; Referral of Michael's Battery, Davenport, Iowa, For Legal Action. Iowa Dept. of Natural Resources; Washington, Iowa Field Office.

Figure 1: U.S.G.S. Topographic Map Davenport East,Iowa Quadrangle



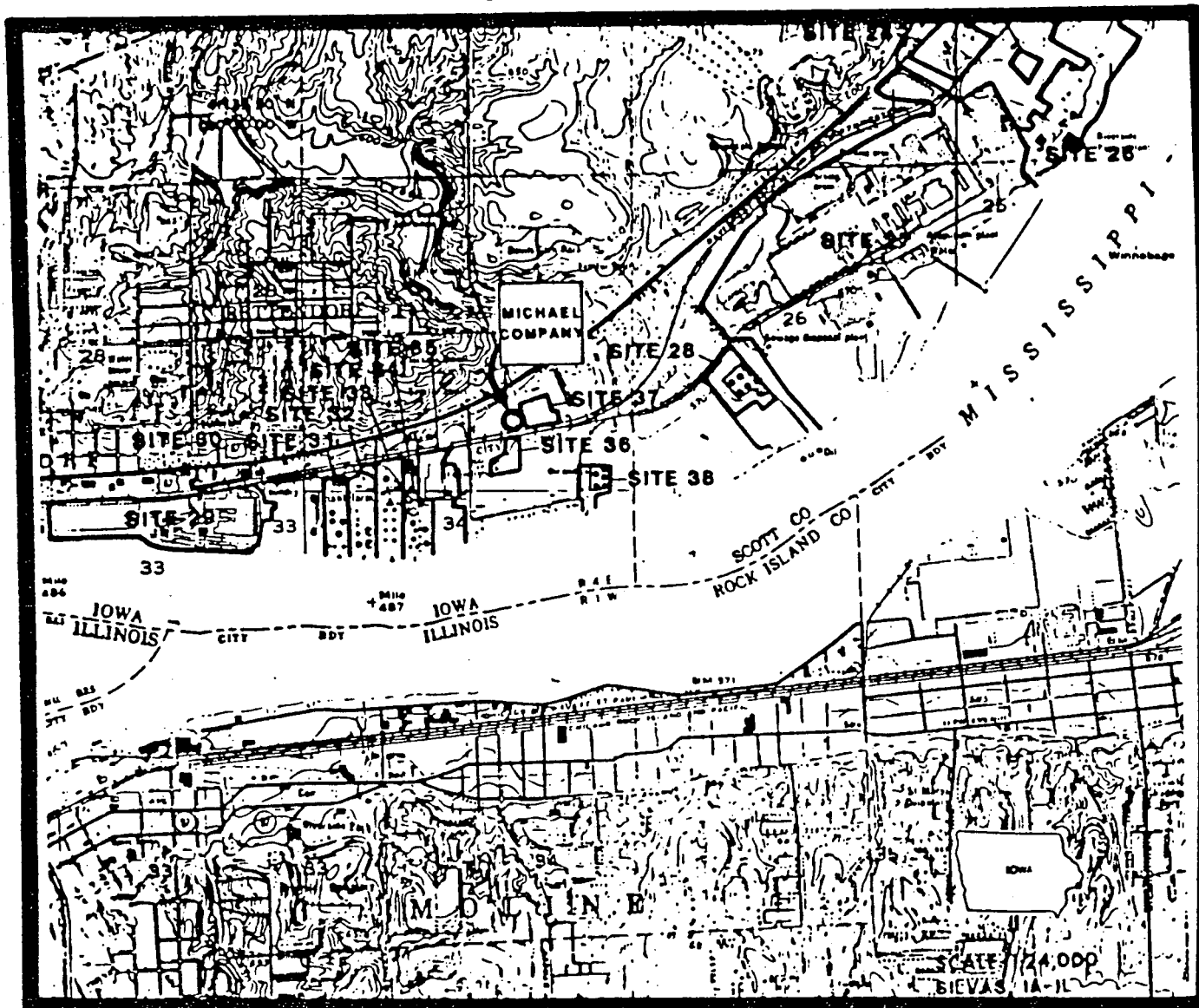
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1975

Michael Battery Co. - Davenport,Iowa Sites

TDD #'s F-07-8611-13:-15 :-16

Michael Battery Co. - Bettendorff, Iowa



Scale 1 : 27500

FIGURE 2: Site location map

TDD # F-07-8611-14 IA-0040SS

